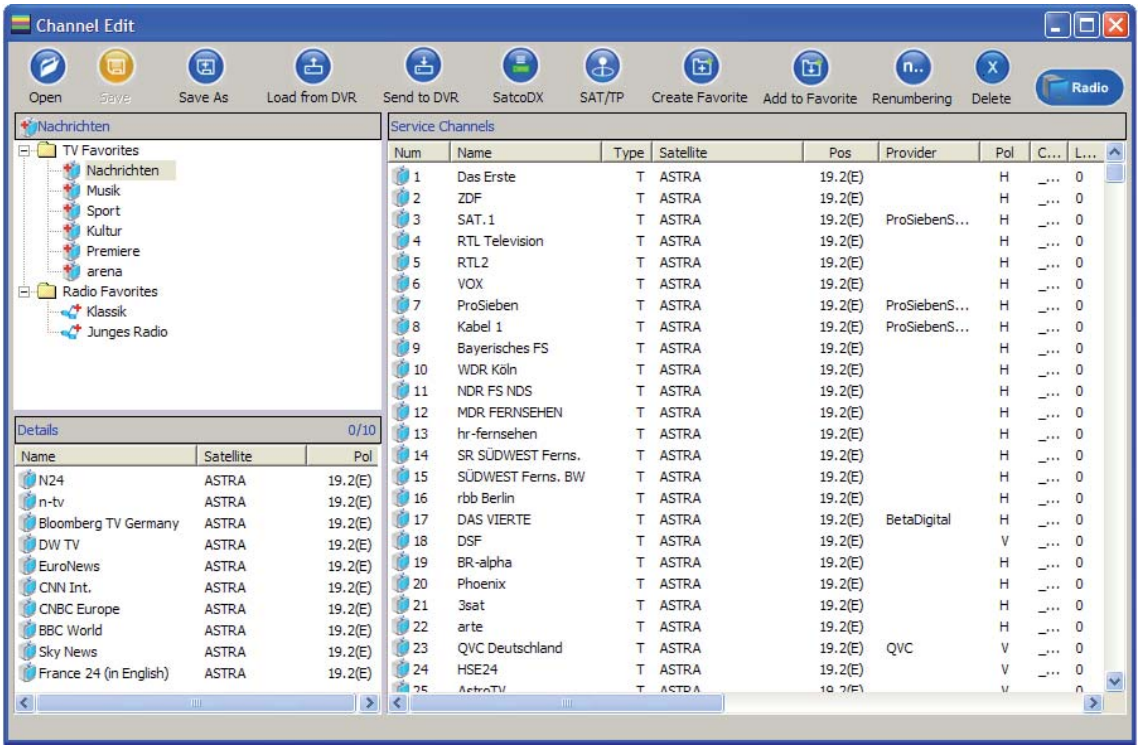
Manual

PVR Manager

UFC 861, UFS 821, UFS 822 and UFS 910



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CONTENTS

CONTENTS **2**

IMPORTANT NOTES **3**
SAFETY INSTRUCTIONS 3
KATHREIN RECEIVERS CURRENTLY SUPPORTED 3
GENERAL NOTICE 3
SYSTEM REQUIREMENTS 3
REQUIRED SOFTWARE 3
CROSSED NETWORK CABLE OR USB CABLE 3

STANDARD INSTALLATION **4**

USE OF PVR MANAGER WITH UFS 910 ..... **6**
CHANNEL LIST 7
UPGRADE (UPDATE RECEIVER FIRMWARE) 11

USE OF PVR MANAGER WITH UFS 822/UFC 861 ..... **12**
MFSERVER (SETTING FOR FILE SHARING) 13
RECORDINGS 17
FOLDER ADMINISTRATION (CREATE, RENAME, DELETE) 18
VIDEO UPLOAD (RECEIVER → PC) 18
VIDEO DOWNLOAD (PC → RECEIVER) 19
DELETING RECORDINGS 20
MP3 21
PHOTOS 22
GAMES 23
UPGRADE (UPGRADE RECEIVER FIRMWARE) 24
CHANNEL LIST 24
SAMBA 30

USE OF THE PVR MANAGER WITH UFS 821 ..... **31**
RECORDINGS 31
VIDEO UPLOAD (RECEIVER → PC) 32
VIDEO DOWNLOAD (PC → RECEIVER) 33
DELETING RECORDINGS 33
MP3 34
PHOTOS 35
GAMES 36
UPGRADE RECEIVER FIRMWARE 37
CHANNEL LIST 37
CHANNEL LIST 37

IMPORTANT NOTES

SAFETY INSTRUCTIONS

Before installing the KATHREIN receiver PVR Manager, make sure to read the receiver‘s safety instructions and to regard them at all times.

KATHREIN RECEIVERS CURRENTLY SUPPORTED

UFC 861si, UFS 822si/sw and UFS 910si/sw (network connection), UFS 821si/sw (USB connection)

GENERAL NOTICE

KATHREIN cannot be held liable for damage, loss of data or consequential loss of any kind (e.g. loss of profit, interruption of production, loss of data and information, or other detriment to assets) resulting from the use or non-usability of this KATHREIN product, even where KATHREIN has pointed out the possibility of such loss occurring.

SYSTEM REQUIREMENTS

Your PC must be running Windows 2000, Windows XP or Windows Vista (32-bit version only) and your PC/laptop/server must possess a free network or USB connection. To enable streaming of VLC data (only possible with UFS 822/UFC 861), your PC/laptop should have an Intel Pentium IV or comparable processor.

REQUIRED SOFTWARE

“PVR Manager“ Version 2.0.0.1 of 18.12.2007 (application, manual as a PDF file and USB driver (only for UFS 821) can be downloaded from “http://www.kathrein.de“ . Software is located under “Service” → “Software and Downloads“ → “Receivers“ → “UFC 861“, “UFS 821“, “UFS 822“ or “UFS 910“)

UFC 861	as of software version 1.00
UFS 821	as of software version 1.00
UFS 822	as of software version 1.00
UFS 910	as of software version 1.04

CROSSED NETWORK CABLE OR USB CABLE

A crossed network cable is required to connect your PC to a network-enabled receiver (UFC 861, UFS 822 and UFS 910).

To connect your PC to the receiver (UFS 821), you will need a USB cable with both type A and B connectors.

Do not connect the receiver to your PC‘s USB port until the software has been installed!

STANDARD INSTALLATION

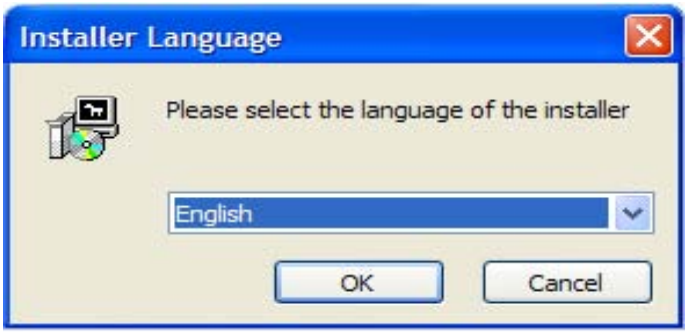
Important notes:

UFC 861 and UFS 822
First, set up the network (connect the receiver to your PC using the crossed network cable mentioned before and assign the desired IP addresses to your receiver and PC). For IP address allocation on the receiver, please refer to the chapter “System Setup”, “Ethernet Settings”; for IP address allocation on the PC, please consult your PC’s documentation or ask a specialist.

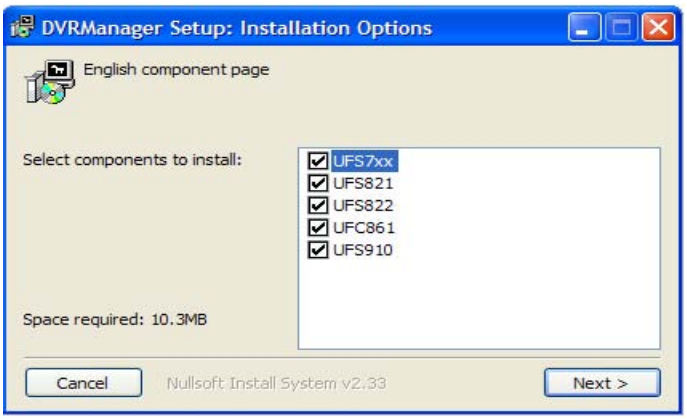
UFS 821
The software must be installed before the receiver is first connected to the PC!

UFS 910
With Software version 1.04, the UFS 910 has the following networkl configuration:
IP address: 192.168.1.100, subnet mask: 255.255.255.0. In order to establish a connection to the receiver, the connected PC/laptop must be configured for this network area, e.g.: IP address: 192.168.1.101, subnet mask: 255.255.255.0

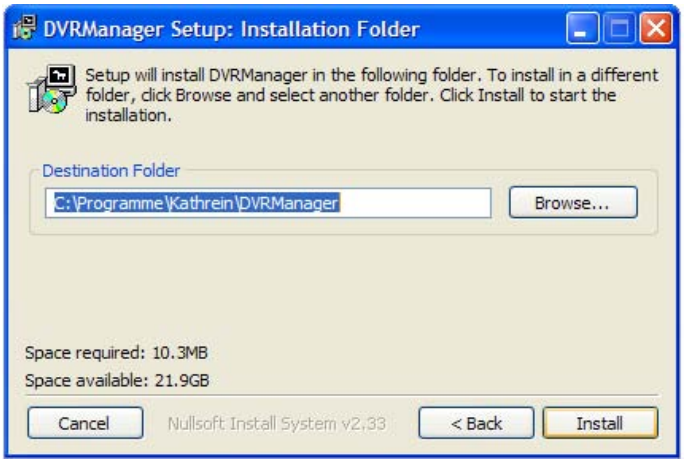
1. Double-click the “Setup.exe” file to start the installation routine .
2. Select the language desired and confirm by clicking the “OK” button.

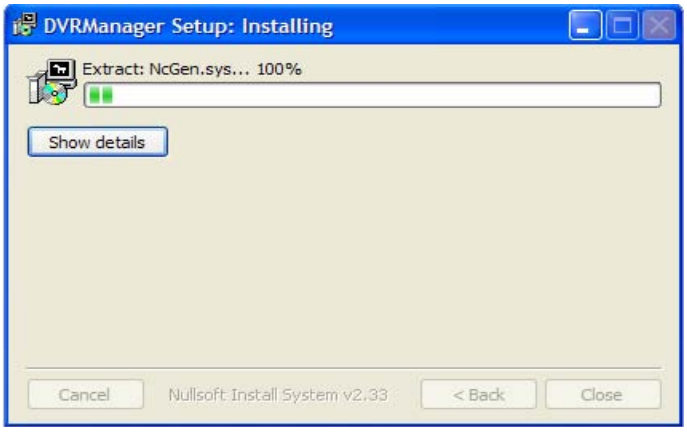


3. Click to select the receiver model being used. The receivers marked with a checkbox are set up. Click on the “Next” button.



4. Click the “Install button. The software is installed on your PC


DVRManager Setup: Installation Folder
Setup will install DVRManager in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Programme\Kathrein\DVRManager
Browse...
Space required: 10.3MB
Space available: 21.9GB
Cancel
Nullsoft Install System v2.33
< Back
Install



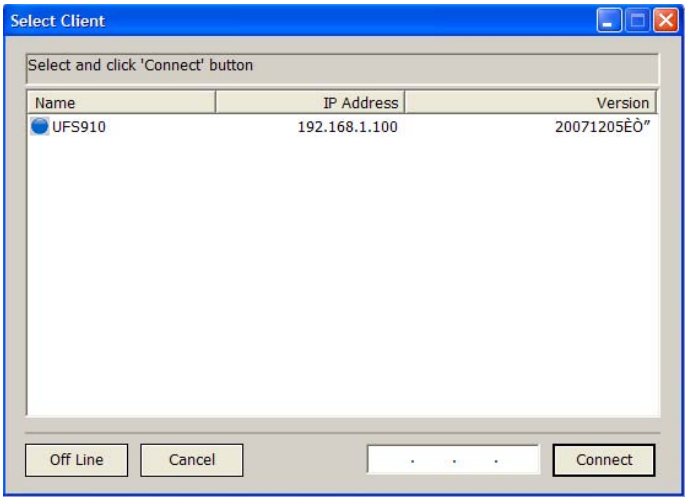
5. The software has been installed on your PC. Once this display has disappeared, installation has been completed. (You will not receive a completion message).

USE OF PVR MANAGER WITH UFS 910

The PVR Manager offers many options for uploading and downloading between your receiver and your PC/laptop using a network connection.
The detailed instructions on these operations assume that the PVR Manager has been correctly installed as described under “Standard Installation”.
.

Notice: *The transfer rate depends on the PC components (network interface card and hard disk) or the data media used on the PC as well as on the data rate of the programme being received on the receiver at that time.*

1. Switch on the receiver at its power switch and press ⏻ to start it up.
2. Start the PVR Manager (by clicking the icon on “Desktop“ or by choosing “Start“ - “Programmes”- “Kathrein” - “DVR Manager“ - “UFS 910”). The following display appears:



3. Click “UFS 910” and then click on the button “Connect”. The following display appears:

When used with the UFS 910, the PVR Manager offers the following options:

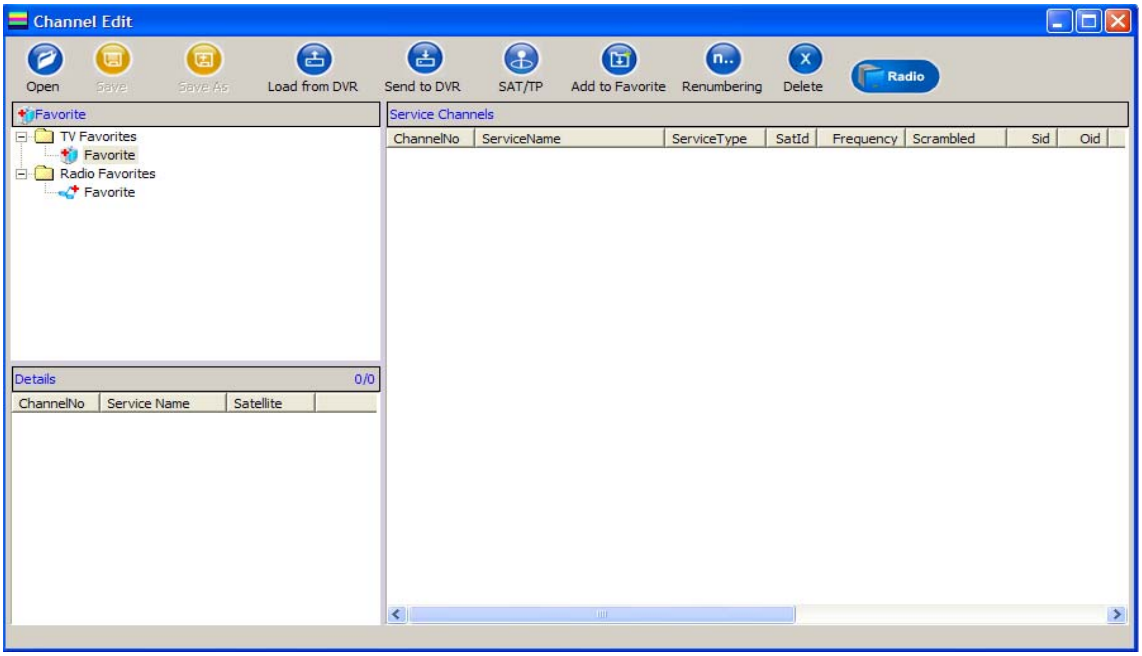
Channel list:
Channel list management (download/upload from/to receiver, rearranging/deleting/renaming channels, creation and management of favourite lists)

Upgrade:
Upload a new software to your receiver via PC/laptop

USE OF PVR MANAGER WITH UFS 910

CHANNEL LIST

Click on the “Channel” button. The following display appears:



Click “Radio” to switch between the TV and radio list settings. Right-click a channel to view the following editing possibilities:

OPEN

You can use this function to open a channel list stored on your PC or laptop. You can download the latest channel list for your UFS 910 from the Internet at:

http://www.kathrein.de (Service → Software and Download → Receiver → UFS 910)

You can edit it as desired, and then transfer it to the UFS 910 as under “Send to PVR”.

The advantage of this is that transferring the software from the PC to the UFS 910 is faster than over the satellite.

SAVE/SAVE AS

You can use these functions to save a channel list edited according to your needs, to your PC or laptop. You can then open the channel list at any time, edit it and download it to your UFS 910 as described under “Send to PVR”.

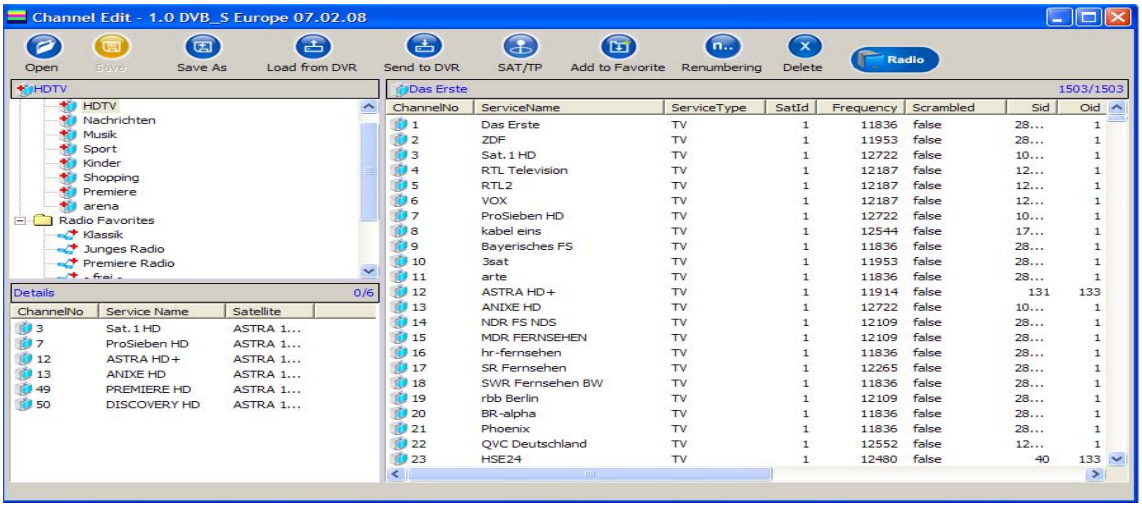
When you choose “Save” the system default storage location/file path is used; when you choose “Save As” you can specify the storage location/file path yourself.

USE OF PVR MANAGER WITH UFS 910

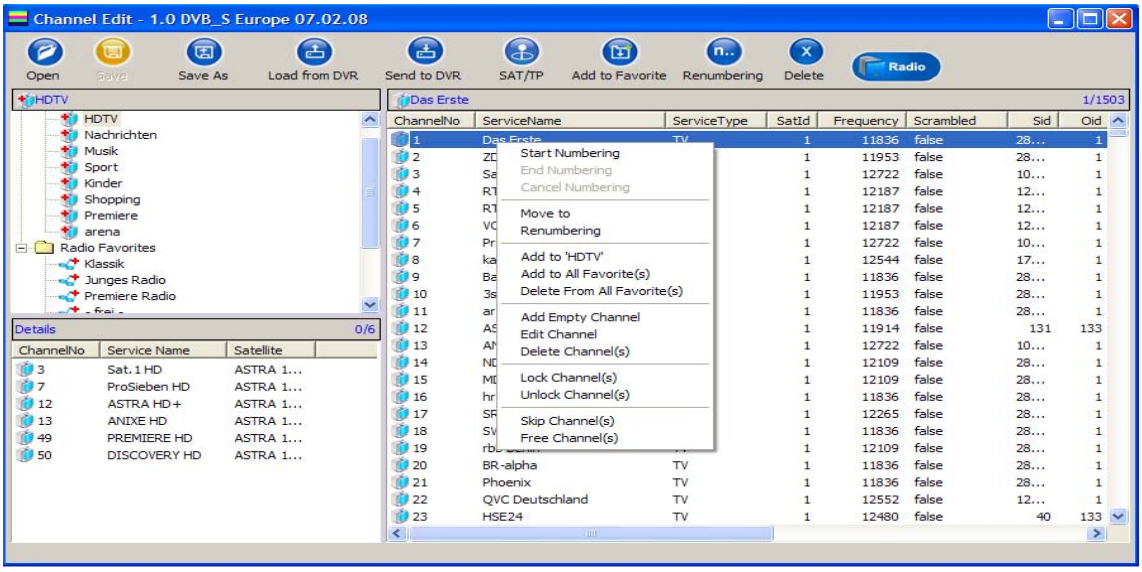
LOAD FROM PVR

You can use this function to upload the channel list currently in use on the UFS 821 to this view and then edit it according to your needs (rearrange, sort, create favourites, etc.).

Click on the “Load from PVR” button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete (the receiver will display the message “Download done”). The following display appears (example):


Channel Edit - 1.0 DVB_S Europe 07.02.08
Open
Save
Save As
Load from DVR
Send to DVR
SAT/TP
Add to Favorite
Renumbering
Delete
Radio
HDTV
Nachrichten
Musik
Sport
Kinder
Shopping
Premiere
arena
Radio Favorites
Klassik
Junges Radio
Premiere Radio
Details
0/6
ChannelNo
Service Name
Satellite
3 Sat. 1 HD ASTRA 1...
7 ProSieben HD ASTRA 1...
12 ASTRA HD+ ASTRA 1...
13 ANIXE HD ASTRA 1...
49 PREMIERE HD ASTRA 1...
50 DISCOVERY HD ASTRA 1...
Das Erste
1503/1503
ChannelNo
ServiceName
ServiceType
SatId
Frequency
Scrambled
Sid
Oid
1 Das Erste TV 1 11836 false 28... 1
2 ZDF TV 1 11953 false 28... 1
3 Sat. 1 HD TV 1 12722 false 10... 1
4 RTL Television TV 1 12187 false 12... 1
5 RTL2 TV 1 12187 false 12... 1
6 VOX TV 1 12187 false 12... 1
7 ProSieben HD TV 1 12722 false 10... 1
8 kabel eins TV 1 12544 false 17... 1
9 Bayerisches FS TV 1 11836 false 28... 1
10 3sat TV 1 11953 false 28... 1
11 arte TV 1 11836 false 28... 1
12 ASTRA HD+ TV 1 11914 false 131 133
13 ANIXE HD TV 1 12722 false 10... 1
14 NDR FS NDS TV 1 12109 false 28... 1
15 MDR FERNSEHEN TV 1 12109 false 28... 1
16 hr-fernsehen TV 1 11836 false 28... 1
17 SR Fernsehen TV 1 12265 false 28... 1
18 SWR Fernsehen BW TV 1 11836 false 28... 1
19 rbb Berlin TV 1 12109 false 28... 1
20 BR-alpha TV 1 11836 false 28... 1
21 Phoenix TV 1 11836 false 28... 1
22 QVC Deutschland TV 1 12552 false 12... 1
23 HSE24 TV 1 12480 false 40 133

Click a channel (channel will be highlighted in blue) and subsequently right-click. The following display will appear



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- **Start Numbering:** The channels can be renumbered manually as from a desired position (click).

- **Move to:** Enter the position (channel number) to where the channel should be moved.
- **Renumber:** The channels are renumbered in their current sort order.
- **Add to "selected Favourite":** A new TV Favourite list is created and the previously selected channel is included in it.
- **Add to all Favourites:** Channel is added to all Favourites lists in the selected Favourites bank (TV/Radio)
- **Delete from all Favourites:** The channel is deleted from all Favourite lists of the selected Favourites bank (TV/Radio).
- **Add Empty Channel:** A new channel (Empty Channel) is inserted in the channel list in front of the selected position**.**
- **Edit channel:** Channel data can be entered/edited
- **Delete Channel:** The channel is deleted from the channel list.
- **Lock Channel:** Channel is locked (PIN check for access on receiver).
- **Unlock Channel:** Channel is unlocked.
- **Skip Channel:** Channel is skipped during zapping
- **Free channel:** Channel is no longer skipped during zapping.

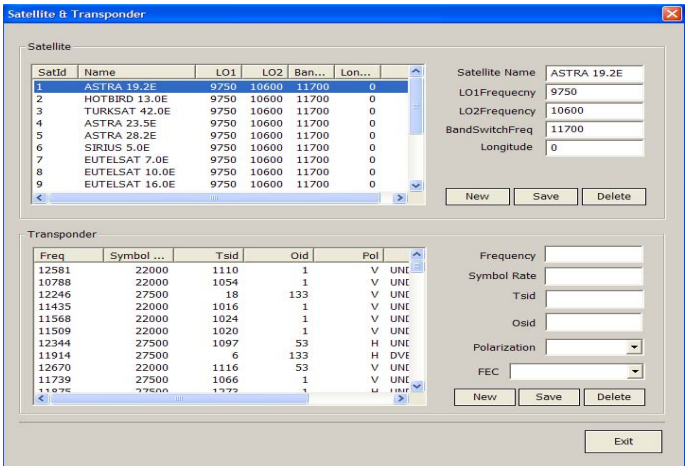
All these changes only take effect once the channel list has been downloaded to the receiver again through the "Send to PVR" command.

SEND TO PVR

You can use this function to download the currently displayed channel list to the UFS 910. Click on the "Send to PVR" button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete ("Upload done" appears in the receiver display).

SAT/TP EDIT (SATELLITE & TRANSPONDER)

Use this function to enter a new satellite and/or transponder. To do so, click on the "Sat/TP Edit" button. The following display appears (example):



Enter the data for the new satellite/transponder here and then click "Add". The new data is added to the existing satellite/transponder list.

USE OF PVR MANAGER WITH UFS 910

RENAME/DELETE FAVOURITE

In order to perform this on the channel list currently on your UFS 910, you must first use the feature “Load from PVR” to load the channel list to the menu “Edit channel”.
To perform this on a channel list saved to the hard disk, use the “Open” feature to load the channel list to the menu “Edit channel”.
First, specify whether a TV or radio favourite list is to be renamed/deleted by clicking “TV Favourites“ or “Radio Favourites”. Next, click the desired favourite list and subsequently right-click. Then select the desired function with the left mouse button.

Rename:

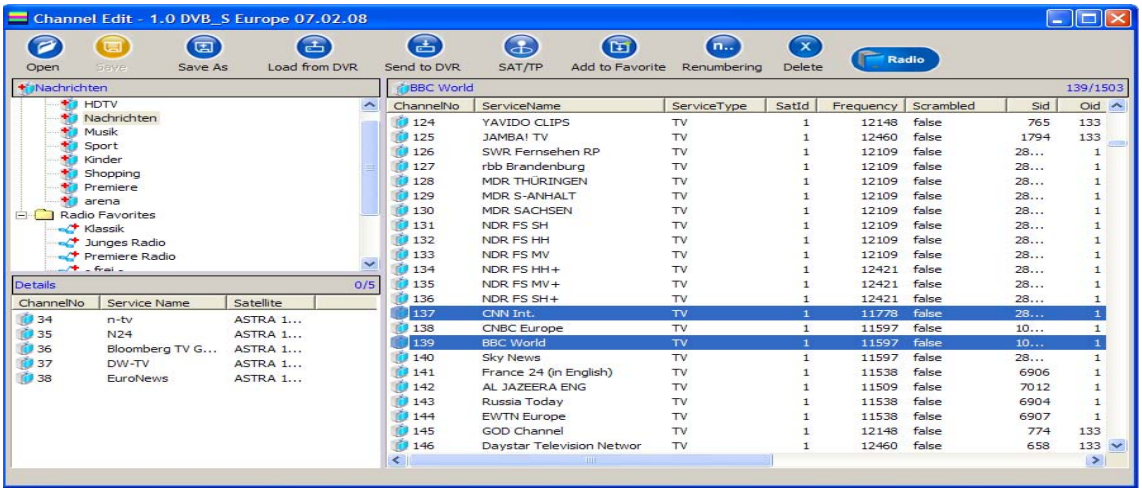
Now use the keyboard to enter the desired name. See section “Add to Favourite” to learn how to add channels to a favourite list.

Delete:

All channels will be deleted from the selected favourite list and the list will be marked “empty”. How to add channels to a Favourite list is detailed under “Add to Favourite”. To rename the favourite list, proceed as described above.

ADD TO FAVOURITE

Use this function to add one or more previously selected channels to a desired favourite list. First, click the favourite list to which you would like to add the channel. Then, click the desired channel. Now click the “Add to Favourite” button. **OR:**
Click the desired channel and hold down. Now drag the channel to the favourite list to which the channel is to be added. To select several channels, hold the Ctrl key down while clicking on the channels with your mouse (see screenshot).


Channel Edit - 1.0 DVB_S Europe 07.02.08
Open
Save
Save As
Load from DVR
Send to DVR
SAT/TP
Add to Favorite
Renumbering
Delete
Radio
Nachrichten
HDTV
Nachrichten
Musik
Sport
Kinder
Shopping
Premiere
arena
Radio Favorites
Klassik
Junges Radio
Premiere Radio
Details
0/5
ChannelNo
Service Name
Satellite
34 n-tv ASTRA 1...
35 N24 ASTRA 1...
36 Bloomberg TV G... ASTRA 1...
37 DW-TV ASTRA 1...
38 EuroNews ASTRA 1...
BBC World
139/1503
ChannelNo
ServiceName
ServiceType
SatId
Frequency
Scrambled
Sid
Oid
124 YAVIDO CLIPS TV 1 12148 false 765 133
125 JAMBA! TV TV 1 12460 false 1794 133
126 SWR Fernsehen RP TV 1 12109 false 28... 1
127 rbb Brandenburg TV 1 12109 false 28... 1
128 MDR THÜRINGEN TV 1 12109 false 28... 1
129 MDR S-ANHALT TV 1 12109 false 28... 1
130 MDR SACHSEN TV 1 12109 false 28... 1
131 NDR FS SH TV 1 12109 false 28... 1
132 NDR FS HH TV 1 12109 false 28... 1
133 NDR FS MV TV 1 12109 false 28... 1
134 NDR FS HH+ TV 1 12421 false 28... 1
135 NDR FS MV+ TV 1 12421 false 28... 1
136 NDR FS SH+ TV 1 12421 false 28... 1
137 CNN Int. TV 1 11778 false 28... 1
138 CNBC Europe TV 1 11597 false 10... 1
139 BBC World TV 1 11597 false 10... 1
140 Sky News TV 1 11597 false 28... 1
141 France 24 (in English) TV 1 11538 false 6906 1
142 AL JAZEERA ENG TV 1 11509 false 7012 1
143 Russia Today TV 1 11538 false 6904 1
144 EWTN Europe TV 1 11538 false 6907 1
145 GOD Channel TV 1 12148 false 774 133
146 Daystar Television Networ TV 1 12460 false 658 133

RENUMBER

Since the current version of the PVR Manager automatically renumbers channels after they have been repositioned, this feature is not necessary.

DELETE

Use this function to delete data (channels, Favourite lists, etc.) that you have previously selected.

USE OF PVR MANAGER WITH UFS 910

RADIO

You can use this function to switch between the TV and radio channel listings.

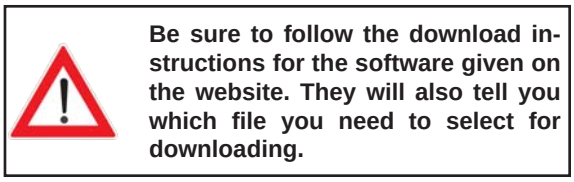
UPGRADE (UPDATE RECEIVER FIRMWARE)

You can use this function to download the software directly from PC to the UFS 910. You can download the latest software for your UFS 910 from the Internet at:

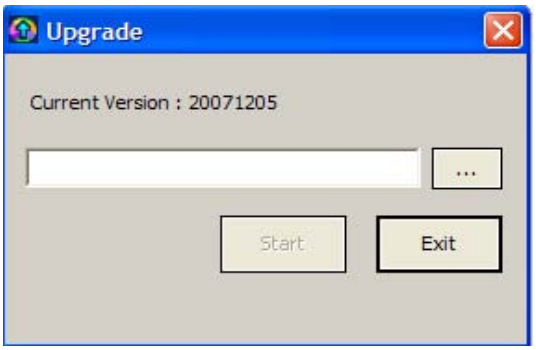
http://www.kathrein.de (Service → Software and Downloads → Receiver → UFS 910)

The advantage of this is that transferring the software from the PC to the UFS 910 is faster than over the satellite.

Click on the “Upgrade” button. The following display appears:



Be sure to follow the download instructions for the software given on the website. They will also tell you which file you need to select for downloading.



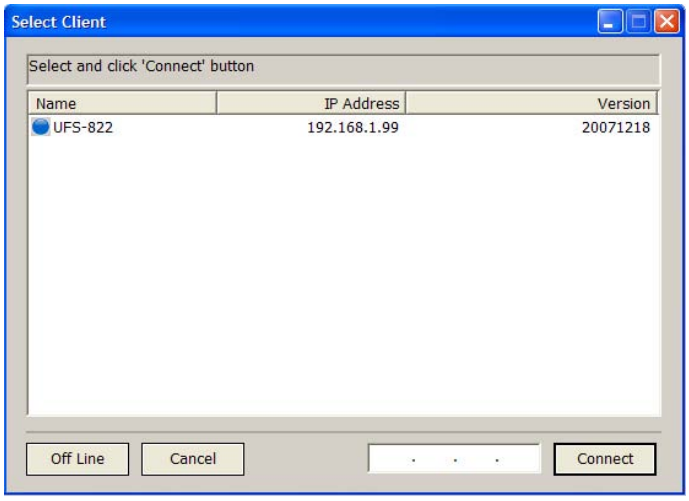
Click the “...” option to select the software to download. When you have selected the software, click “Start”. The new software is transferred to the receiver.

USE OF PVR MANAGER WITH UFS 822/UFC 861

The PVR Manager offers many options for uploading and downloading between your receiver and your PC/laptop using a network connection.
The detailed instructions on these operations assume that the PVR Manager has been correctly installed as described under “Standard Installation”.

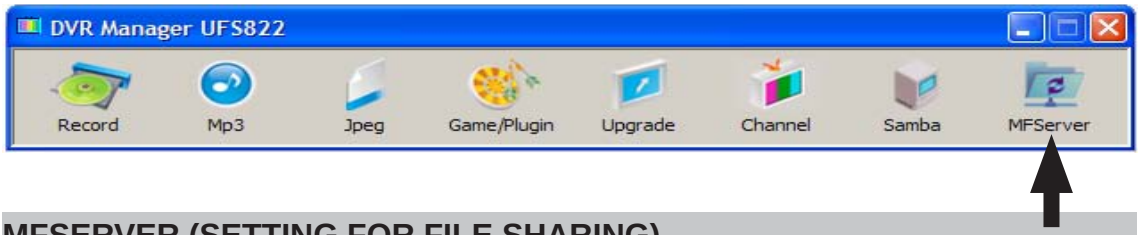
Notice: *The transfer rate depends on the PC components (network interface card and hard disk) or the data media used on the PC as well as on the data rate of the programme being received on the receiver at that time.*

1. Switch on the receiver at its power switch and press ⏻ to start it up.
2. Start the PVR Manager (by clicking the icon on “Desktop“ or by choosing “Start“ - “Programmes”- “Kathrein” - “DVR-Manager“ - “UFS 822” or “UFC 861”). The following display appears:



3. Click “UFS 822/UFC 861” and then click on the button “Connect”. The following display appears:

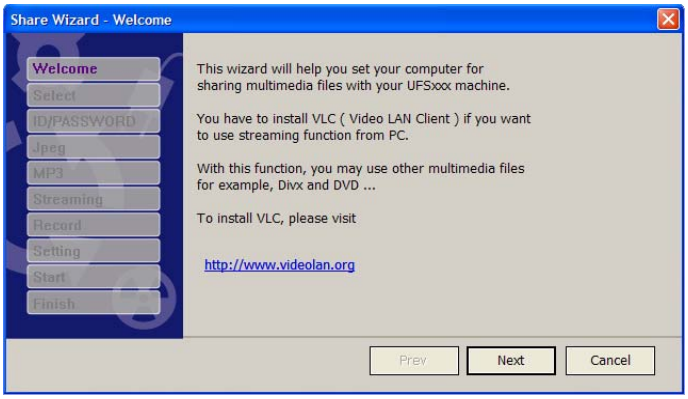
USE OF PVR MANAGER WITH UFS 822/UFC 861



MFSERVER (SETTING FOR FILE SHARING)

The menu “MFServer” allows you to define the settings for file sharing between your PC/laptop and the UFS 822/UFC 861 using a network connection. The following display appears:

An existing home network is mandatory.

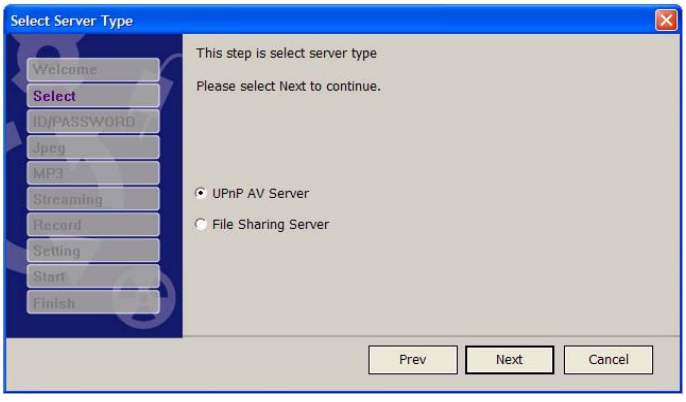


1. Click the “Next” button.
2. Select the desired server type.

UPnP:
Stands for “Universal Plug and Play”. In this setting, the MFServer functions as a UPnP audio/video Server.

File Sharing Server:
You can see the folders released from your PC/laptop on the receiver.

Click the “Next” button.

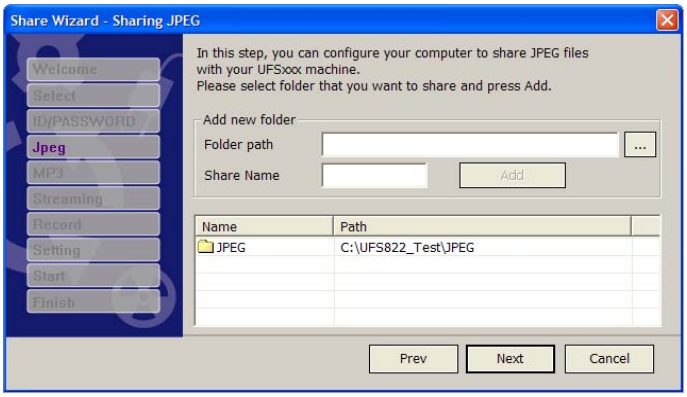


3. If necessary, enter your user password and click the “Next” button.

This will only function if the user is logged in as administrator.

4. Click the button [...] and select the folder on your PC/laptop from which you would like to share the JPEG files. Subsequently, click the “Add” button. The following display appears:

Here you can select folders containing JPEG files which are to be released in the network.



Repeat this procedure if you would like to release additional folders for JPEG file sharing. When finished, click the “Next” button.

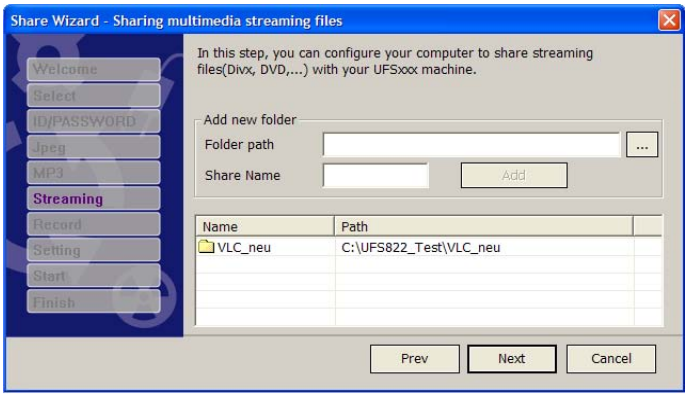
5. Click the [...] button and select the desired folder on your PC/laptop from which you would like to share the MP3 files. Subsequently, click the “Add” button.

Here you can select the folders containing MP3 files which are to be released in the network.

Repeat this procedure if you would like to release additional folders for MP3 file sharing. When finished, click the “Next” button.

6. Click the [...] button and select the desired folder on your PC/laptop from which you would like to share the streaming(VLC) files. Subsequently, click the “Add” button. Repeat this procedure if you would like to release additional folders for streaming file sharing. When finished, click the “Next” button.

Here you can select the folders containing streaming files (e.g. DivX, XviD) which are to be released in the network. All formats supported by the VLC Player can be played back.

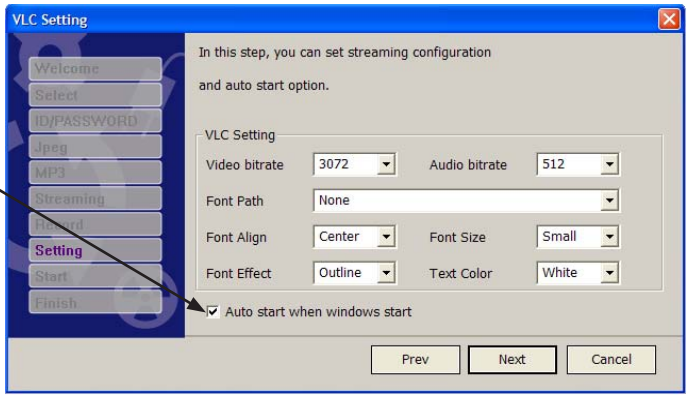


7. Click the [...] button and select the folder on your PC/laptop from which you would like to share your recordings. Subsequently, click the “Add” button. Repeat this procedure if you would like to release additional folders to share recording files. When finished, click the “Next” button.

Here you can select the folders containing recordings from your UFS 822/861 which are to be released in the network. Recordings saved in this folder can later be viewed on your TV set through the UFS 822/UFC 861.

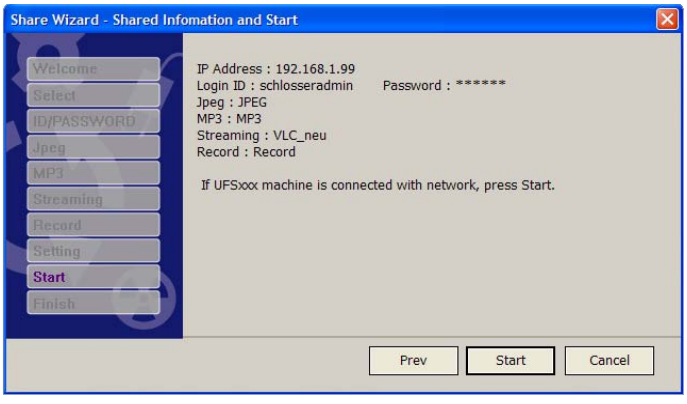
8. Set the desired streaming configuration and the display of subtitles as well as the status at Windows start-up. Subsequently click the “Next” button.

When using the MFServer as a UPnP audio/video server, it is recommended to activate the Windows Autostart function .



9. Click the “Start” button.

A summary of all installation steps you have performed will be displayed.



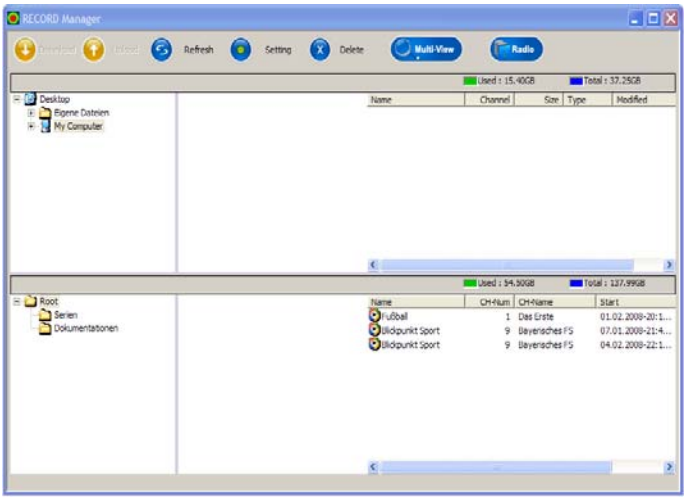
The following display appears:

If installation was not successful, please check your settings and/or your firewall configuration

10. Click the “Finish” button to finish installation.

RECORDINGS

Click the menu “Record”. The following display appears (example):



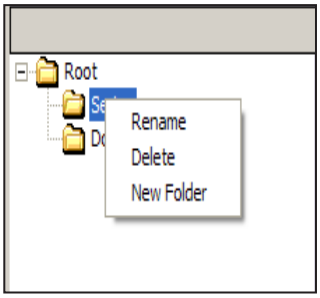
Click “Multi-View” to exit “Details”. The first frame of a recording is displayed. Click “Radio” to switch between the TV and radio recordings.The Record Manager offers the following options:

USE OF PVR MANAGER WITH UFS 822/UFC 861

FOLDER ADMINISTRATION (CREATE, RENAME, DELETE)

Creating a folder:

Select the position on which you would like to create a new folder. If you would like to create e.g. a folder in the Root (main directory) erstellen, click the “Root” folder and subsequently press the right mouse button. Now use the left button to click the option “New folder”. The new folder will be created.



Renaming a folder:

To select the folder to be renamed, click it and then subsequently press the right mouse button. Now use the left button to click the option “Rename”. The folder to be renamed will be highlighted. Enter the new name using your keyboard and press ↵ (Return) to confirm.

Deleting a folder:

Click on the folder to be deleted and then press the right mouse button. Now use the left button to click the option “Delete”. Your PC/laptop will ask you if you really want to delete the folder. Confirm deletion by clicking “OK”.

If a folder is deleted, the recordings contained in it will automatically be permanently deleted!

Recordings can only be moved to the corresponding folders using the “Move” option in the receiver‘s recording list (see manual, section “Recording list”). It is not yet possible to move recordings using the PVR Manager.

VIDEO UPLOAD (RECEIVER → PC)

1. Select the drive to which the recording should be transferred, either from the “Setting” menu or from the directory view in the top left.

Check first that there is sufficient storage capacity on the destination drive for the file(s) you are transferring!

2. Click on the file desired. The box at the bottom left (in the Details view) shows the first frame of the recorded programme, with details of the date it was recorded, the channel and title

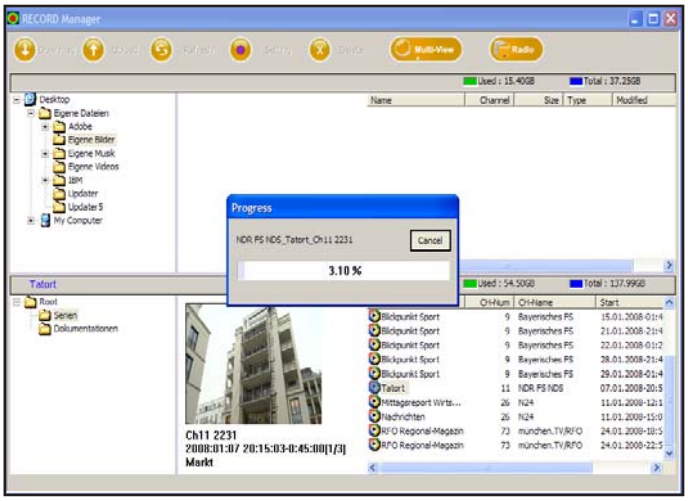
3. You can now start the transfer as follows:

- Click on the file you would like to transfer and hold the mouse button down. You can now drag the file from the box at the bottom right to the one at the top right. The transfer to your PC begins. **OR:**
- Click “Upload” to transfer the selected recording to the directory you previously selected on your PC.

USE OF PVR MANAGER WITH UFS 822/UFC 861

The following display appears (example):

The recording is copied to the PC/laptop but is preserved on the receiver hard disk.



As soon as the transfer is complete, the progress bar disappears and you additionally see the transferred recording in the top pane of the window.

VIDEO DOWNLOAD (PC → RECEIVER)

1. Access the “Settings” menu or the directory view at the top left to select the PC/laptop drive containing the recording you wish to transfer to the receiver (the recording must be from your UFS 822/UFC 861).

Check first that there is sufficient storage capacity on the destination drive for the file(s) you are transferring!

2. Click on the desired file. The box at the top left (in the Details view) shows the first frame of the recorded programme, with details of the date it was recorded, the channel and title.

3. You can now start the download as follows:

- Click on the file you want to download and hold the mouse button down. You can now drag the file from the box at the top right to the one at the bottom right. The download to your PC begins. **OR:**
- Click “Download” to download the selected recording to the receiver. As soon as the transfer is complete, the progress bar disappears and you additionally see the transferred recording in the bottom pane of the window.

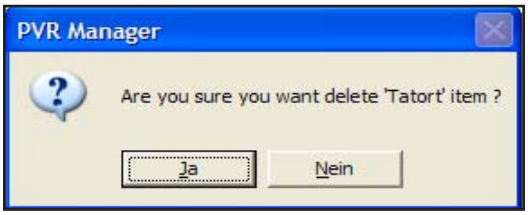
USE OF PVR MANAGER WITH UFS 822/UFC 861

DELETING RECORDINGS

1. Click on the recording you want to delete.

2. Click the “Delete” button at the top of the screen.

The following display appears:



3. Click “YES” to confirm deletion of the recording. The recording is then deleted.

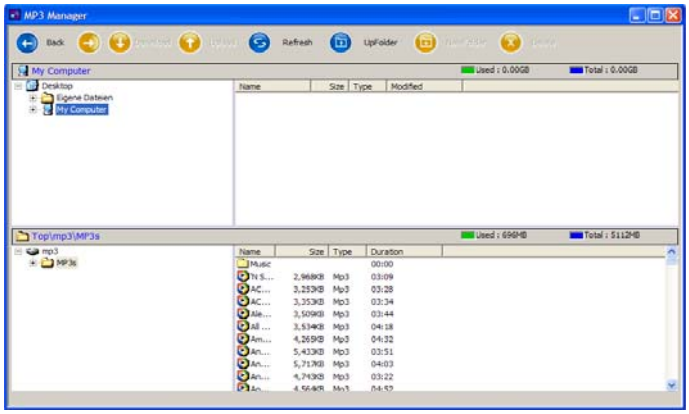
Deleted recordings are removed irrevocably and therefore cannot be restored!

USE OF PVR MANAGER WITH UFS 822/UFC 861

MP3

Click on the “MP3” button. The following display appears (example):

The receiver‘s hard disk only provides limited storage capacity for MP3 files. If this is insufficient, you can also connect an external hard disk to the receiver using a USB cable. The hard disk must be “FAT 32” formatted. Formatting can be performed through the receiver. Please make sure that power supply to the hard disk is sufficient. The receiver detects the external hard disk and you can play the MP3 files directly from it without having to download them to the receiver.



The MP3 Manager offers the following options:

← BACK →

Click “←” or “→” to move up or down one level within the selected drive.

FOLDER BACK

Click “Folder back” to move from the selected subfolder to the next highest level.

NEW FOLDER

With this function you can create a new folder on the selected drive and at the selected level (on the receiver or PC). Use the mouse to select the drive and where appropriate, the subfolder level, then click “New Folder”. A new folder appears on the drive you selected. Use the keypad to enter a name for the folder.

UPLOAD

Works in the same way as video upload. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

USE OF PVR MANAGER WITH UFS 822/UFC 861

DOWNLOAD

Works in the same way as video download. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

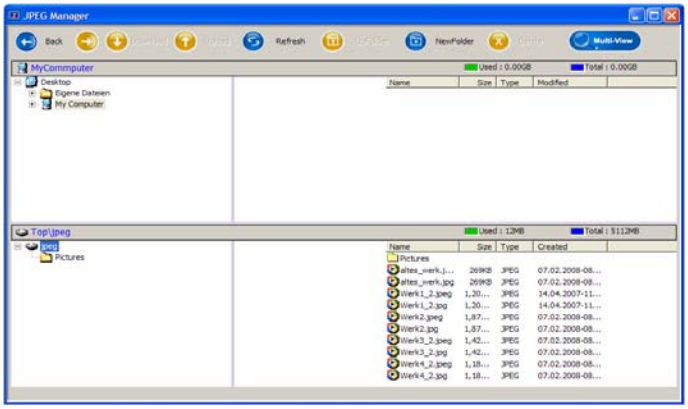
DELETE

Works in the same way as deleting recordings. The only difference is that folders can also be deleted.

PHOTOS

Click on the “JPEG” button. The following display appears (example):

Only photo files in JPEG format (RGB mode) can be used. The receiver‘s hard disk only provides limited storage capacity for JPEG files.
If this is insufficient, you can also connect an external hard disk to the receiver using a USB cable. The hard disk must be “FAT 32” formatted. Please make sure that power supply to the hard disk is sufficient. The receiver detects the external hard disk and you can view the photo files directly from it without having to download them to the receiver.



The JPEG Manager offers the following options:

← BACK→

Click “←” or “→” to move up or down one level within the selected drive.

FOLDER BACK

Click “Folder back” to move from the selected subfolder to the next highest level.

USE OF PVR MANAGER WITH UFS 822/UFC 861

NEW FOLDER

With this function you can create a new folder on the selected drive and at the selected level (on the receiver or PC). Use the mouse to select the drive and where appropriate, the subfolder level, then click “New Folder”. A new folder appears on the drive you selected. Use the keypad to enter a name for the folder.

UPLOAD

Works in the same way as video upload. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

DOWNLOAD

Works in the same way as video download. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

DELETE

Works in the same way as deleting recordings. The only difference is that folders can also be deleted.

GAMES

Use this function to transfer the games Kathrein has provided for the UFS 822/UFC 861 from your PC to your receiver. These games can be downloaded from the following Internet website:

http://www.kathrein.de (Service → Software and Downloads → Receivers → UFS 822/UFC 861)

Click on “Games“. The following display appears:

Use is restricted exclusively to downloadable games which have been provided by Kathrein for the UFS 822/UFC 861 or to those previously installed on the device.

Kathrein is not liable for any damage done to the device or its software caused by games or software that were not provided by Kathrein!

Click on “...”, to select the game to be transferred. As soon as you have selected the game, click the “Start” button. The game is then transferred to the receiver.

USE OF PVR MANAGER WITH UFS 822/UFC 861

UPGRADE (UPGRADE RECEIVER FIRMWARE)

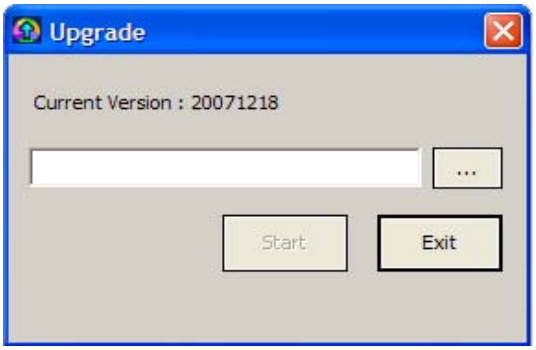
You can use this function to download the software directly from PC to the UFS 822/UFC 861. You can download the latest software for your receiver from the following Internet website:

http://www.kathrein.de (Service → Software and Downloads → Receivers → UFS 822/UFC 861)

The advantage of this is that transferring the software from the PC to your receiver is faster than over the satellite or cable network.

Click on the “Upgrade” button. The following display appears:

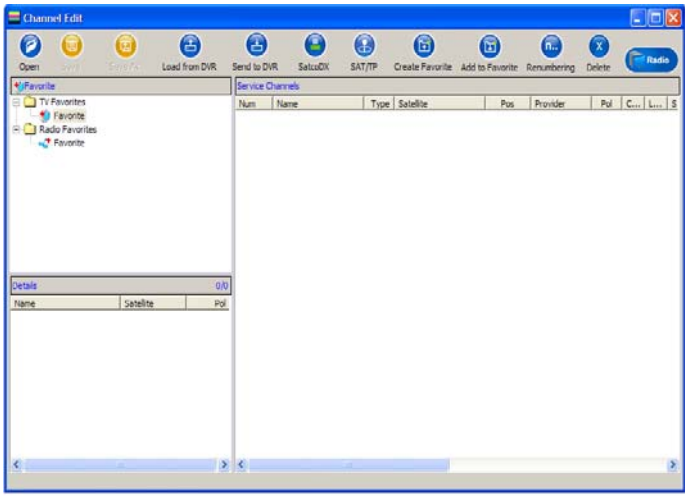
Be sure to follow the download instructions for the software as specified on the website. These will also tell you which file you need to select for downloading.



Click the “...” option to select the software to be downloaded. When you have selected the software, click “Start”. The new software is transferred to the receiver.

CHANNEL LIST

Click on the “Channel” button. The following display appears:



Click “Radio” to switch between the TV and radio list settings. Right-click a channel to view the following editing possibilities:

USE OF PVR MANAGER WITH UFS 822/UFC 861

OPEN

You can use this function to open a channel list stored on your PC or laptop. You can download the latest channel list for your UFS 822 from the Internet at:

http://www.kathrein.de (Service → Software and Downloads → Receiver → UFS 822)

You can edit it as desired, and then transfer it to the UFS 822 as under “Send to PVR”.

The advantage of this is that transferring the software from the PC to the UFS 822 is faster than over the satellite.

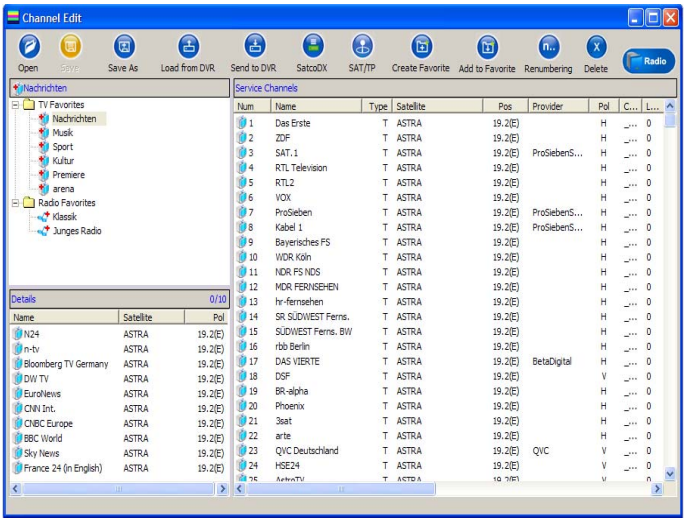
SAVE/SAVE AS

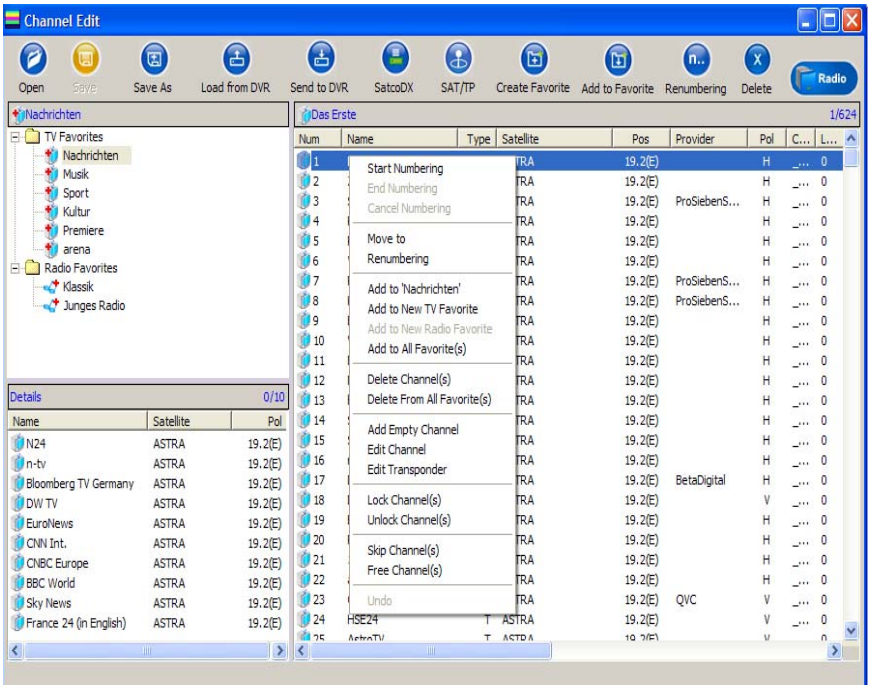
You can use these functions to save a channel list, edited according to your needs for example, to your PC or laptop. You can then open the channel list at any time, edit it and download it to your UFS 822/UFC 861 as described under “Send to PVR”.

When you choose “Save”, the system default storage location/file path is used; when you choose “Save As”, you can specify the storage location/file path yourself.

LOAD FROM PVR

You can use this function to upload the channel list currently in use on the UFS 822/UFC 861 to this view and then edit it according to your needs (rearrange, sort, create favourites, etc.).
Click on the “Load from PVR” button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete. The following display appears (example):





- **Start Numbering:** The channels can be renumbered manually as from a desired position (click).
- **Move to:** Enter the position (channel number) to where the channel should be moved.
- **Renumber:** The channels are renumbered in their current sort order.
- **Add to “selected TV Favourite”:** A new TV Favourite list is created and the previously selected channel is included in it.
- **Add to all Favourites:** The channel is deleted from the channel list.
- **Delete from all Favourites:** The channel is deleted from all Favourite lists of the selected Favourites bank (TV/Radio).
- **Add Empty Channel:** A new channel (Empty Channel) is inserted in the channel list in front of the selected position**.**
- **Edit channel:** Channel data can be entered/edited.
- **Delete Channel:** The channel is deleted from the channel list.
- **Lock Channel:** Channel is locked (PIN check for access on receiver).
- **Unlock Channel:** Channel is unlocked.
- **Skip Channel:** Channel is skipped during zapping.
- **Free channel:** Channel is no longer skipped during zapping.

All these changes only take effect once the channel list has been downloaded to the receiver again through the “Send to PVR” command.

USE OF PVR MANAGER WITH UFS 822/UFC 861

SEND TO PVR

You can use this function to download the current displayed channel list to the UFS 822/UFC 861. Click on the “Send to PVR” button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete.

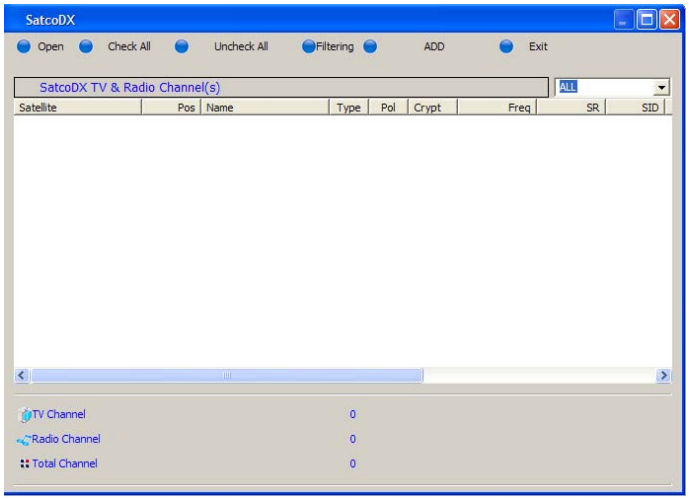
SATCODX (EXCLUSIVELY FOR UFS 822)

You can use this function to edit SatcoDX (.sdx) channel lists (downloaded from www.satcodx.com). After editing them, you have three options:

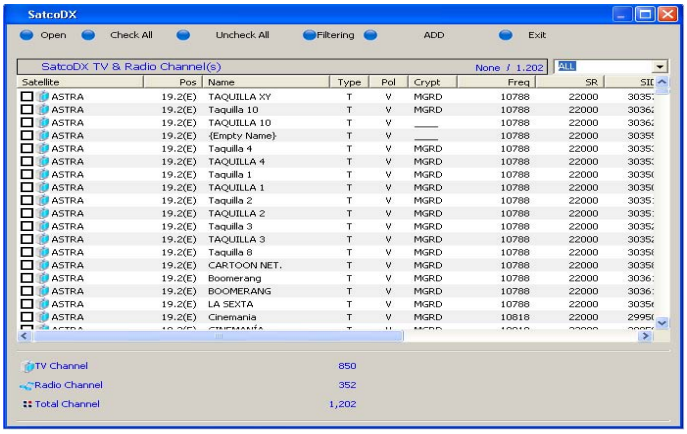
- You can add either the complete list or a part of it to the existing channel list of the UFS 822 and then sort the list as desired. To do so, you must have first uploaded the channel list from the UFS 822 by clicking the button “Load from PVR”.

- You can add the complete list, or part of it, to a channel list of the UFS 821 stored on your hard disk and then sort the list as you want. To do so, you must have first downloaded the channel list from the hard disk by clicking the “Open” button on the Edit menu screen.
- You can use the complete list, or just part of it, as a new channel list.

Click on the “SatcoDX” button. The following display appears:



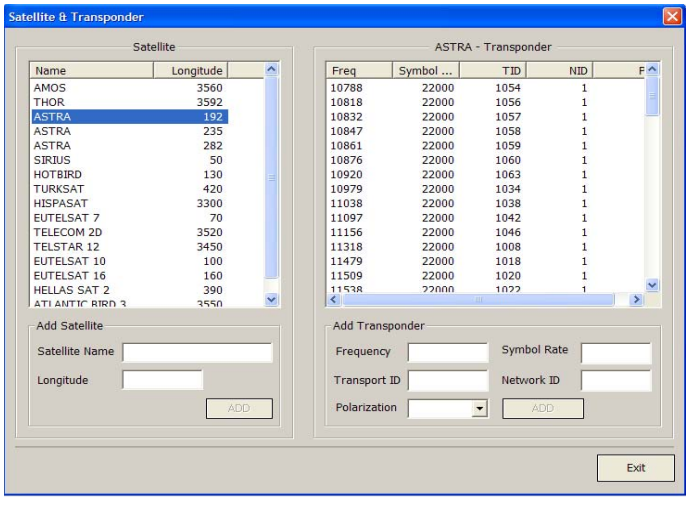
Click on “Open” to open a SatcoDX channel list stored on your PC or laptop. The following display appears (example):


SatcoDX
Open
Check All
Uncheck All
Filtering
ADD
Exit
SatcoDX TV & Radio Channel(s)
None / 1,202
ALL
Satellite
Pos
Name
Type
Pol
Crypt
Freq
SR
SI
ASTRA 19.2(E) TAQUILLA XY T V MGRD 10788 22000
ASTRA 19.2(E) Taquilla 10 T V MGRD 10788 22000
ASTRA 19.2(E) TAQUILLA 10 T V ____ 10788 22000
ASTRA 19.2(E) {Empty Name} T V ____ 10788 22000
ASTRA 19.2(E) Taquilla 4 T V MGRD 10788 22000
ASTRA 19.2(E) TAQUILLA 4 T V MGRD 10788 22000
ASTRA 19.2(E) Taquilla 1 T V MGRD 10788 22000
ASTRA 19.2(E) TAQUILLA 1 T V MGRD 10788 22000
ASTRA 19.2(E) Taquilla 2 T V MGRD 10788 22000
ASTRA 19.2(E) TAQUILLA 2 T V MGRD 10788 22000
ASTRA 19.2(E) Taquilla 3 T V MGRD 10788 22000
ASTRA 19.2(E) TAQUILLA 3 T V MGRD 10788 22000
ASTRA 19.2(E) Taquilla 8 T V MGRD 10788 22000
ASTRA 19.2(E) CARTOON NET. T V MGRD 10788 22000
ASTRA 19.2(E) Boomerang T V MGRD 10788 22000
ASTRA 19.2(E) BOOMERANG T V MGRD 10788 22000
ASTRA 19.2(E) LA SEXTA T V MGRD 10788 22000
ASTRA 19.2(E) Cinemania T V MGRD 10818 22000
TV Channel 850
Radio Channel 352
Total Channel 1,202

Click on one of the grey boxes (Satellite, Position, Name etc.) to sort the channels according to these criteria. You can use the “Filter” option to exclude certain channels. You can sort by further criteria (e.g. Radio,TV etc.) in the small grey box at the top right which by default shows “Display - ALL”. Once you have completed your sort, select the channels which you later would like to add to an existing channel list or insert into a new one. To do so, click on the empty box in front of the channel to select a single channel or click “Select All” to select all the channels.
Click on “Add” to import the selected channels into the “Edit Channel” screen.

SAT/TP EDIT (SATELLITE & TRANSPONDER) (EXCLUSIVELY FOR UFS 822)

Use this function to enter a new satellite and/or transponder. To do so, click on the “Sat/TP Edit” button. The following display appears (example):



Enter the data for the new satellite/transponder here and then click “Add”. The new data is added to the existing satellite/transponder list.

USE OF PVR MANAGER WITH UFS 822/UFC 861

RENAME/DELETE FAVOURITE

In order to perform this on the channel list currently on your UFS 822/UFC 861, you must first use the feature “Load from PVR” to load the channel list to the menu “Edit channel” .
To perform this on a channel list saved to the hard disk, use the “Open” feature to load the channel list to the menu “Edit channel”.
First, specify whether a TV or radio favourite list is to be renamed/deleted by clicking “TV Favourites“ or “Radio Favourites”. Next, click the desired favourite list and subsequently right-click. Then select the desired function with the left mouse button.

Rename:

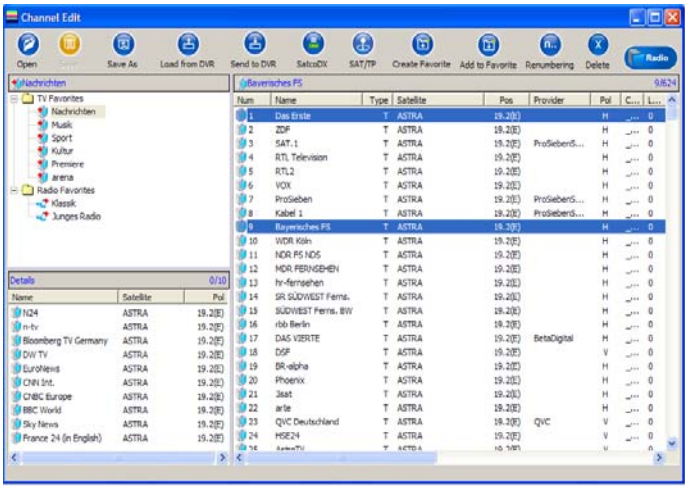
Now use the keyboard to enter the desired name. See section “Add to Favourite” to learn how to add channels to a favourite list.

Delete:

All channels will be deleted from the selected favourite list and the list will be marked “empty”. How to add channels to a Favourite list is detailed under “Add to Favourite”. To rename the favourite list, proceed as described above.

ADD TO FAVOURITE

Use this function to add one or more previously selected channels to a desired favourite list. First, click the Favourite list to which you would like to add the channel. Then, click the desired channel. Now click the „Add to Favourite“ button. **OR:**
Click the desired channel and hold down. Now drag the channel to the Favourite list to which the channel is to be added. To select several channels, hold the Ctrl key down while clicking on the channels with your mouse (see screenshot).



RENUMBER

Since the current version of the PVR Manager automatically renumbers channels after they have been repositioned, this feature is not necessary.

DELETE

Use this function to delete data (channels, Favourite lists, etc.) that you have previously selected.

USE OF PVR MANAGER WITH UFS 822/UFC 861

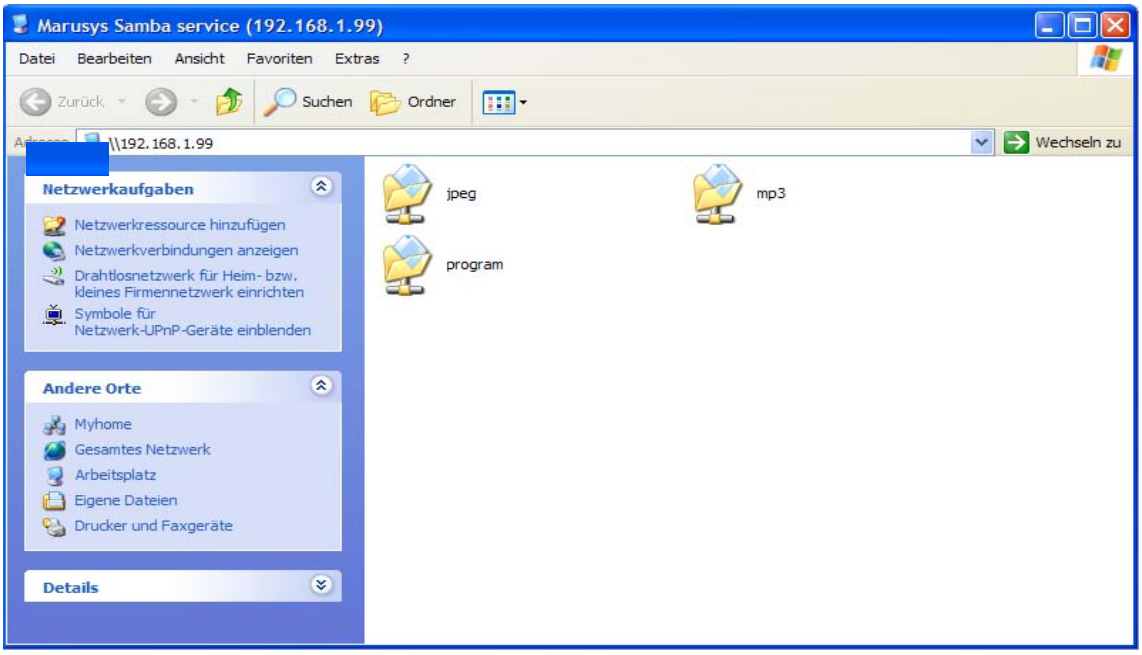
RADIO

You can use this function to switch between the TV and radio channel listings.

SAMBA

Use this function to directly access the folders “jpeg”, “mp3” and “program” from your PC/laptop. You can copy MP3/JPEG files from a directory in your PC/laptop to a designated directory on the receiver. In the corresponding folders (jpeg and mp3), you can create/delete folders and save/sort the files contained in them in the same way as you can with a PC/laptop.

This function is currently not possible with Windows Vista.
The “program” folder contains important files relevant to the receiver such as “epg_backup”. The samba function should therefore only be used by experienced users!



USE OF THE PVR MANAGER WITH UFS 821

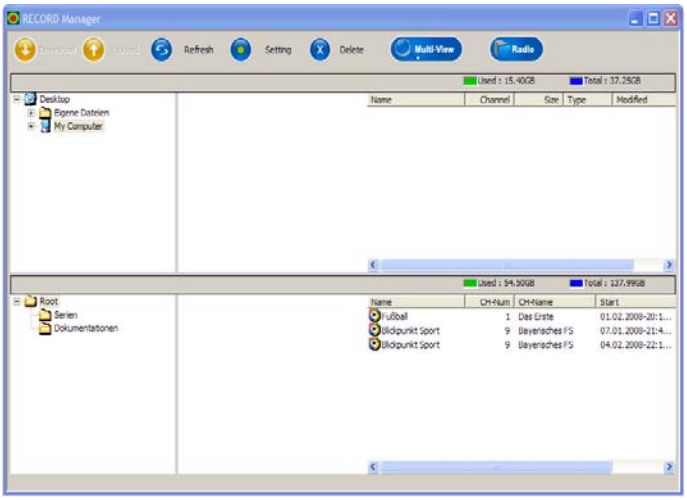
The PVR Manager of the UFS 821 offers many options for uploading and downloading between your UFS 821 and a PC or laptop by way of a USB cable.
The detailed instructions on these operations assume that the PVR Manager has been correctly installed as described under “Standard Installation”.

Note: *The transfer rate depends on the PC components (network interface card and hard disk) or the data media used on the PC as well as on the data rate of the programme being received on the receiver at that time.*

1. Switch on the receiver at its power switch and press ⏻ to start it.
2. Start the PVR Manager by clicking the desktop icon or choosing “Start” - “Programmes” - “PVR Manager”- “PVR Manager”). The following display appears:

RECORDINGS

Click on the “Record” button. The following display appears (example):



Click “Multi-View” to exit the “Details”. The first frame of a recording is displayed. Click “Radio” to switch between the TV and radio recordings. The Record Manager offers the following options:

USE OF THE PVR MANAGER WITH UFS 821

VIDEO UPLOAD (RECEIVER → PC)

1. Select the drive to which the recording should be transferred, either from the “Setting” menu or from the directory view in the top left.

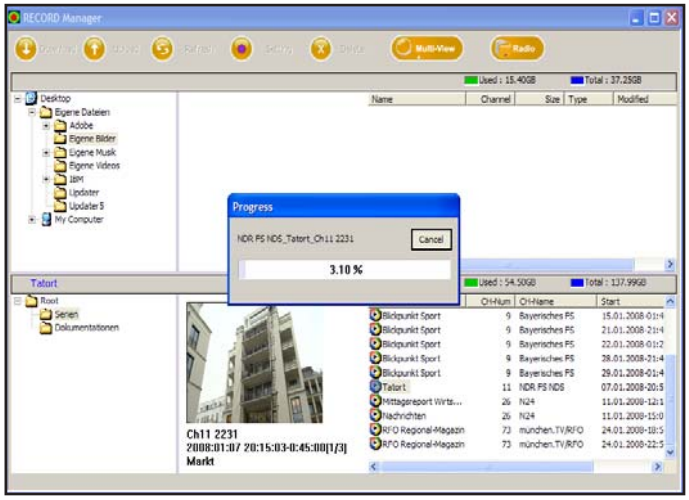
Check first that there is sufficient storage capacity on the destination drive for the file(s) you are transferring!

2. Click on the file desired. The box at the bottom left (in the Details view) shows the first frame of the recorded programme, with details of the date it was recorded, the channel and title.

3. You can now start the transfer as follows:

- Click on the file you would like to transfer and hold the mouse button down. You can now drag the file from the box at the bottom right to the one at the top right. The transfer to your PC begins. **OR:**
- Click “Upload” to transfer the selected recording to the directory you previously selected on your PC.

The following display appears (example):



As soon as the transfer is complete, the progress bar disappears and you additionally see the transferred recording in the top pane of the window.

USE OF THE PVR MANAGER WITH UFS 821

VIDEO DOWNLOAD (PC → RECEIVER)

1. Access the “Settings” menu or the directory view at the top left to select the PC/laptop drive containing the recording you wish to transfer to the receiver (the recording must be from your UFS 821).

Check first that there is sufficient storage capacity on the destination drive for the file(s) you are transferring!

2. Click on the desired file. The box at the top left (in the Details view) shows the first frame of the recorded programme, with details of the date it was recorded, the channel and title.

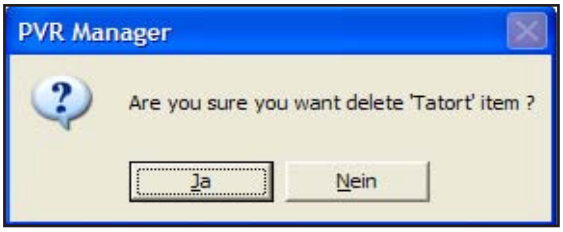
3. You can now start the download as follows:
- Click on the file you want to download and hold the mouse button down. You can now drag the file from the box at the top right to the one at the bottom right. The download to your PC begins. **OR:**
- Click “Download” to download the selected recording to the receiver. As soon as the transfer is complete, the progress bar disappears and you additionally see the transferred recording in the bottom pane of the window.

DELETING RECORDINGS

1. Click on the recording you want to delete.

2. Click the “Delete” button at the top of the screen.

The following display appears:



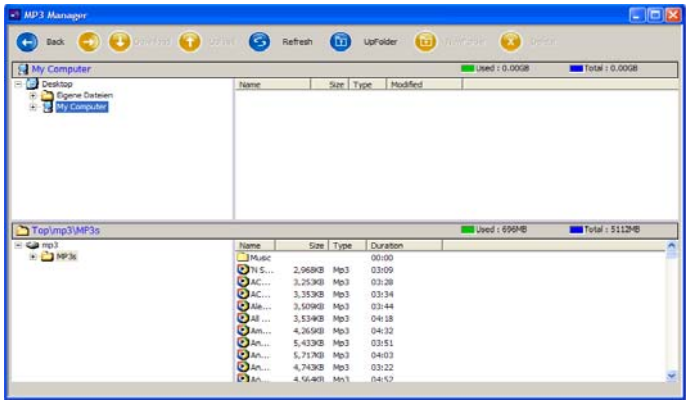
3. Click “YES” to confirm deletion of the recording. The recording is then deleted.

Deleted recordings are removed irrevocably and therefore cannot be restored!

MP3

Click on the “MP3” button. The following display appears (example):

The receiver‘s hard disk only provides limited storage capacity for MP3 files. If this is insufficient, you can also connect an external hard disk to the receiver front panel using a USB cable. The hard disk must be “FAT 32” formatted. Formatting can be performed through the receiver. Please make sure that power supply to the hard disk is sufficient. The receiver detects the external hard disk and you can play the MP3 files directly from it without having to download them to the receiver.



The MP3 Manager offers the following options:

← BACK →

Click “←” or “→” to move up or down one level within the selected drive.

FOLDER BACK

Click “Folder back” to move from the selected subfolder to the next highest level.

NEW FOLDER

With this function you can create a new folder on the selected drive and at the selected level (on the receiver or PC). Use the mouse to select the drive and where appropriate, the subfolder level, then click “New Folder”. A new folder appears on the drive you selected. Use the keypad to enter a name for the folder.

UPLOAD

Works in the same way as video upload. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

USE OF THE PVR MANAGER WITH UFS 821

DOWNLOAD

Works in the same way as video download. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

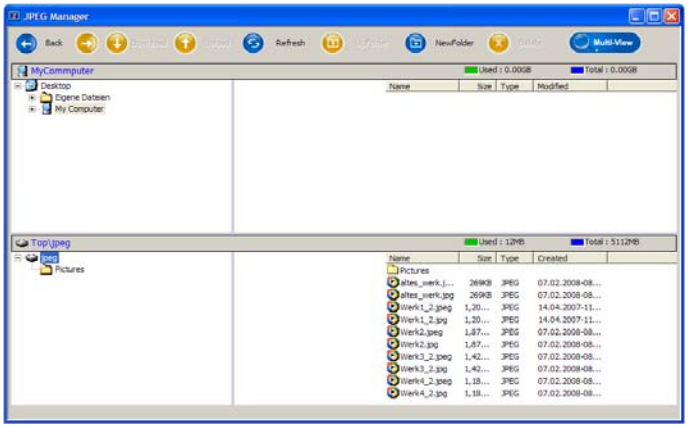
DELETE

Works in the same way as deleting recordings. The only difference is that folders can also be deleted.

PHOTOS

Click on the “JPEG” button. The following display appears (example):

Only photo files in JPEG format (RGB mode) can be used. The receiver‘s hard disk only provides limited storage capacity for JPEG files.
If this is insufficient, you can also connect an external hard disk to the receiver using a USB cable. The hard disk must be “FAT 32” formatted. Please make sure that power supply to the hard disk is sufficient. The receiver detects the external hard disk and you can view the photo files directly from it without having to download them to the receiver.



The JPEG Manager offers the following options:

← BACK→

Click “←” or “→” to move up or down one level within the selected drive.

FOLDER BACK

Click “Folder back” to move from the selected subfolder to the next highest level.

USE OF THE PVR MANAGER WITH UFS 821

NEW FOLDER

With this function you can create a new folder on the selected drive and at the selected level (on the receiver or PC). Use the mouse to select the drive and, where appropriate the subfolder level, then click “New Folder”. A new folder appears on the drive you selected. Use the keypad to enter a name for the folder.

UPLOAD

Works in the same way as video upload. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

DOWNLOAD

Works in the same way as video download. The only difference is that the destination and source drives can be selected directly from the boxes at the left.

DELETE

Works in the same way as deleting recordings. The only difference is that folders can also be deleted.

GAMES

Use this function to transfer the games Kathrein has provided for the UFS 821 from your PC to your receiver. These games can be downloaded from the following Internet website:

http://www.kathrein.de (Service → Software and Downloads → Receiver → UFS 821)

Click on “Games“. The following display appears:

Use is restricted exclusively to downloadable games which have been provided by Kathrein for the UFS 821 or to those previously installed on the device.

Kathrein is not liable for any damage done to the device or its software caused by games or software that were not provided by Kathrein!

Click on “...”, to select the game to be transferred. As soon as you have selected the game, click the “Start” button. The game is then transferred to the receiver.

USE OF THE PVR MANAGER WITH UFS 821

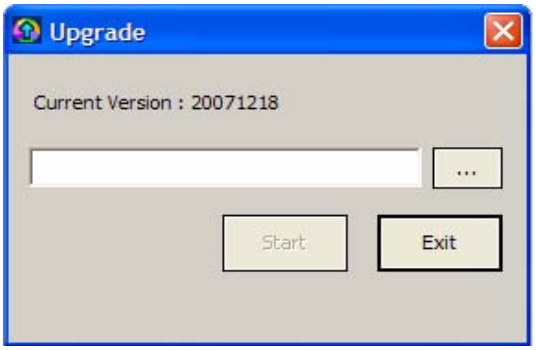
UPGRADE RECEIVER FIRMWARE

You can use this function to download the software directly from PC to the UFS 821. You can download the latest software for your UFS 821 from the Internet at:

http://www.kathrein.de (Service → Software and Downloads → Receiver → UFS 821)

The advantage of this is that transferring the software from the PC to the UFS 821 is faster than over the satellite.
Click on the “Upgrade” button. The following display appears:

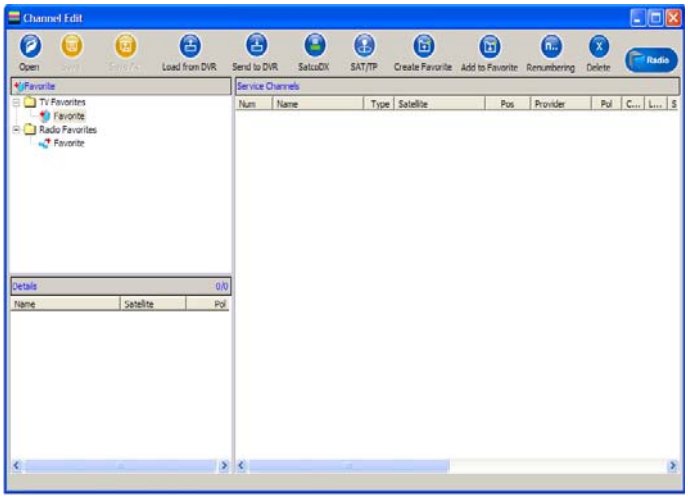
Be sure to follow the download instructions for the software given on the website. They will also tell you which file you need to select for downloading.



Click the “...” option to select the software to download. When you have selected the software, click “Start”. The new software is transferred to the receiver.

CHANNEL LIST

Click on the “Channel” button. The following display appears:



USE OF THE PVR MANAGER WITH UFS 821

Click “Radio” to switch between the TV and radio list settings. Right-click a channel to view the following editing possibilities:

OPEN

You can use this function to open a channel list stored on your PC or laptop. You can download the latest channel list for your UFS 821 from the Internet at:
http://www.kathrein.de (Service → Software und Download → Receiver → UFS 821)

You can edit it as desired, and then transfer it to the UFS 821 as under “Send to PVR”.

The advantage of this is that transferring the software from the PC to the UFS 821 is faster than over the satellite.

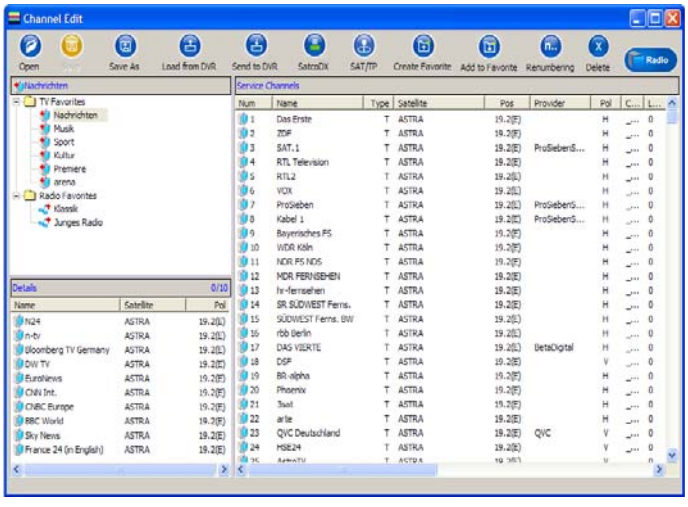
SAVE/SAVE AS

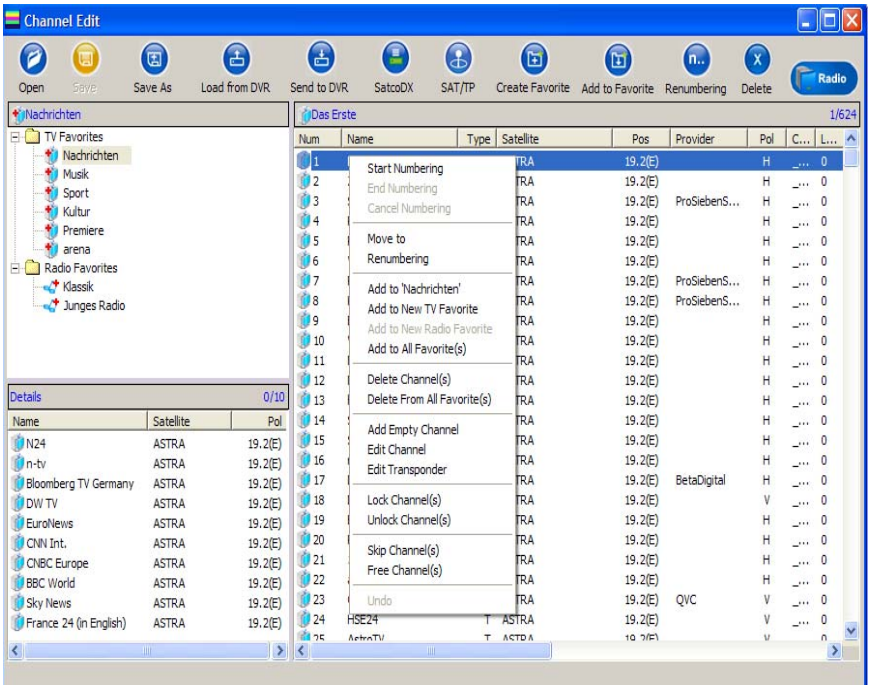
You can use these functions to save a channel list edited according to your needs, to your PC or laptop. You can then open the channel list at any time, edit it and download it to your UFS 821 as described under “Send to PVR”.
When you choose “Save” the system default storage location/file path is used; when you choose “Save As” you can specify the storage location/file path yourself.

LOAD FROM PVR

You can use this function to upload the channel list currently in use on the UFS 821 to this view and then edit it according to your needs (rearrange, sort, create favourites, etc.).

Click on the “Load from PVR” button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete. The following display appears (example):





- **Start Numbering:** The channels can be renumbered manually as from a desired position (click).
- **Move to:** Enter the position (channel number) to where the channel should be moved.
- **Renumber:** The channels are renumbered in their current sort order.
- **Add to "selected TV Favourite":** A new TV Favourite list is created and the previously selected channel is included in it.
- **Add to all Favourites:** The channel is deleted from the channel list.
- **Delete from all Favourites:** The channel is deleted from all Favourite lists of the selected Favourites bank (TV/Radio).
- **Add Empty Channel:** A new channel (Empty Channel) is inserted in the channel list in front of the selected position**.**
- **Edit channel:** Channel data can be entered/edited.
- **Delete Channel:** The channel is deleted from the channel list.
- **Lock Channel:** Channel is locked (PIN check for access on receiver).
- **Unlock Channel:** Channel is unlocked.
- **Skip Channel:** Channel is skipped during zapping.
- **Free channel:** Channel is no longer skipped during zapping.

All these changes only take effect once the channel list has been downloaded to the receiver again through the "Send to PVR" command.

USE OF THE PVR MANAGER WITH UFS 821

SEND TO PVR

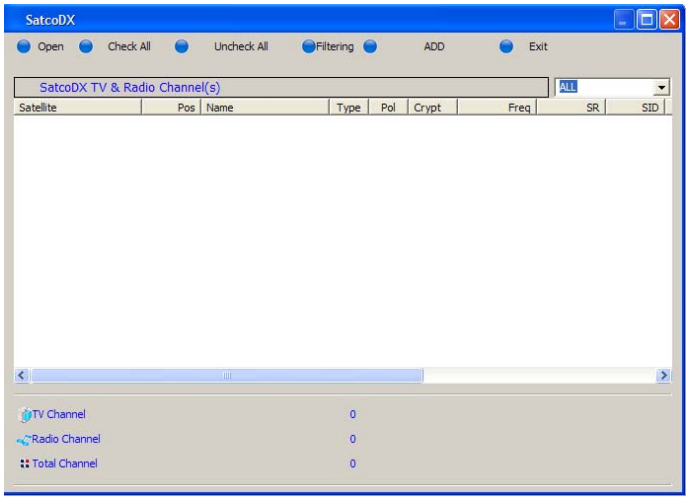
You can use this function to download the channel list currently displayed to the UFS 821. Click on the “Send to PVR” button. The on-screen progress bar indicates the current status of the transfer. As soon as the progress bar disappears, transfer is complete.

SATCODX

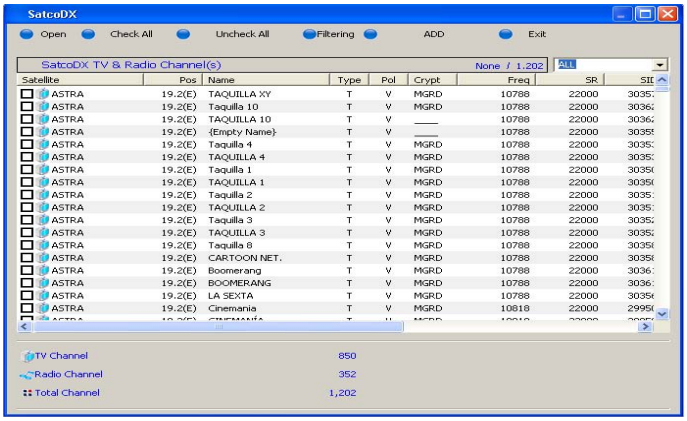
You can use this function to edit SatcoDX (.sdx) channel lists (downloaded from www.satcodx.com).
After editing them, you have three options:

- You can add either the complete list or a part of it to the existing channel list of the UFS 821 and then sort the list as desired. To do so, you must have first uploaded the channel list from the UFS 821 by clicking the button “Load from PVR”
- You can add the complete list, or part of it, to a channel list of the UFS 821 stored on your hard disk and then sort the list as desired. To do so, you must have first downloaded the channel list from the hard disk by clicking the “Open” button on the “Edit menu screen”.
- You can use the complete list, or just part of it, as a new channel list.

Click on “SatcoDX”. The following display appears:



Click on “Open” to open a SatcoDX channel list stored on your PC or laptop. The following display appears (example):

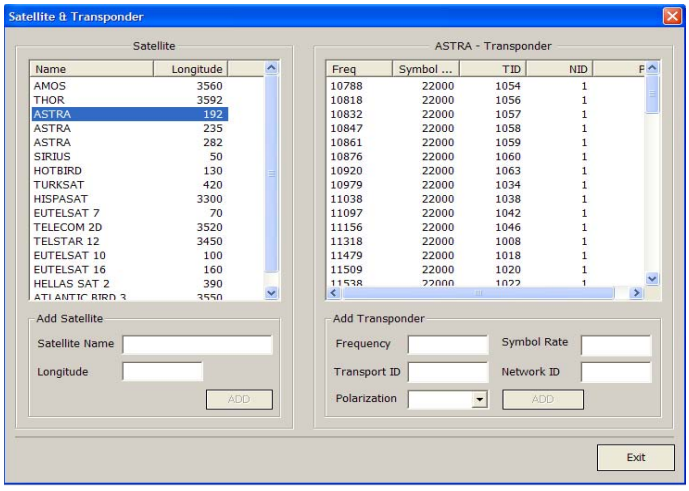


Click on one of the grey boxes (Satellite, Position, Name etc.) to sort the channels according to these criteria. You can use the “Filter” option to exclude certain channels. You can sort by further criteria (e.g. Radio,TV etc.) in the small grey box at the top right which by default shows “Display - ALL”. Once you have completed your sort, select the channels which you later would like to add to an existing channel list or insert into a new one. To do so, click on the empty box in front of the channel to select a single channel or click “Select All” to select all the channels. Click on “Add” to import the selected channels into the “Edit Channel” screen.

SAT/TP EDIT (SATELLITE & TRANSPONDER)

You can use this function to enter a new satellite and/or transponder.

To do so, click on the “Sat/TP Edit” button. The following display appears (example):



Enter the data for a new satellite/transponder here and click “Add” after each entry. The new data is added to the existing satellite/transponder list.

USE OF THE PVR MANAGER WITH UFS 821

RENAME/DELETE FAVOURITE

In order to perform this on the channel list currently on your UFS 821, you must first use the feature “Load from PVR” to load the channel list to the menu “Edit channel” .
To perform this on a channel list saved to the hard disk, use the “Open” feature to load the channel list to the menu “Edit channel”.
First, specify whether a TV or radio favourite list is to be renamed/deleted by clicking “TV Favourites“ or “Radio Favourites”. Next, click the desired favourite list and subsequently right-click. Then select the desired function with the left mouse button.

Rename:

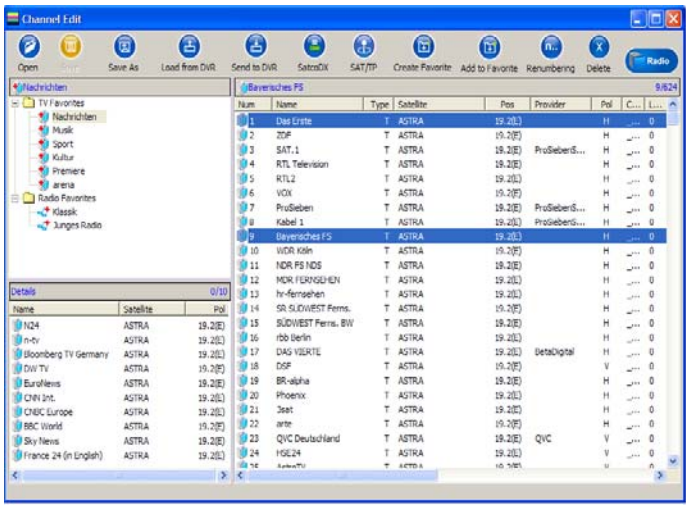
Now use the keyboard to enter the desired name. See section “Add to Favourite” to learn how to add channels to a favourite list.

Delete:

All channels will be deleted from the selected favourite list and the list will be marked “empty”. How to add channels to a Favourite list is detailed under “Add to Favourite”. To rename the favourite list, proceed as described above.

ADD TO FAVOURITE

Use this function to add one or more previously selected channels to a desired favourite list. First, click the Favourite list to which you would like to add the channel. Then, click the desired channel. Now click the „Add to Favourite“ button. **OR:**
Click the desired channel and hold down. Now drag the channel to the Favourite list to which the channel is to be added. To select several channels, hold the Ctrl key down while clicking on the channels with your mouse (see screenshot).



RENUMBER

Since the current version of the PVR Manager automatically renumbers channels after they have been repositioned, this feature is not necessary.

DELETE

Use this function to delete data (channels, Favourite lists, etc.) that you have previously selected.

USE OF THE PVR MANAGER WITH UFS 821

RADIO

You can use this function to switch between the TV and radio channel listings.

936.3252/A/0208/ZWT - Technical data subject to change!

Internet: http://www.kathrein.de
KATHREIN-Werke KG • Anton-Kathrein-Straße 1 - 3
P.O.Box 10 04 44 • 83004 Rosenheim/GERMANY

KATHREIN
Antennen • Electronic